

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2005/000763

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS, EMBASE, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/90419 A (VARIAGENICS, INC; STANTON, VINCENT, P., JR) 29 November 2001 (2001-11-29) pages 13,14 page 51 pages 63-66	1-24
X	WO 2004/001015 A (PEL-FREEZ CLINICAL SYSTEMS, LLC; WANG, LU; XIANGJUN, LIU) 31 December 2003 (2003-12-31) page 33, paragraph 2 page 18 page 30; example 3 page 19 pages 21-22	23-25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another document or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date containing data and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

29 July 2005

Date of mailing of the International search report

09/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax. (+31-70) 340-3016

Authorized officer

Reuter, U

INTERNATIONAL SEARCH REPORT

Inte	Application No
PCT/IB2005/000763	

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ALDERBORN A ET AL: "Determination of single-nucleotide polymorphisms by real-time pyrophosphate DNA sequencing" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, vol. 10, no. 8, August 2000 (2000-08), pages 1249-1258, XP002218192 ISSN: 1088-9051 the whole document	22-25
X	WO 94/01447 A (ERIPHYLE B.V; FRIEDMAN, MARK, M) 20 January 1994 (1994-01-20) the whole document	23
A	WO 03/095664 A (CITY OF HOPE) 20 November 2003 (2003-11-20) the whole document	1-25
A	WO 02/20837 A (PYROSEQUENCING AB; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR) 14 March 2002 (2002-03-14) page 19; example 3 page 22 page 24 page 8	1-25

INTERNATIONAL SEARCH REPORT

Int'l Application No.
PCT/IB2005/000763

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0190419	A	29-11-2001	US 6475736 B1 AU 6481101 A CA 2409774 A1 EP 1364046 A2 JP 2004511210 T WO 0190419 A2 US 2003073101 A1 US 2003082537 A1 US 2003219769 A1	05-11-2002 03-12-2001 29-11-2001 26-11-2003 15-04-2004 29-11-2001 17-04-2003 01-05-2003 27-11-2003
WO 2004001015	A	31-12-2003	AU 2003256298 A1 WO 2004001015 A2	06-01-2004 31-12-2003
WO 9401447	A	20-01-1994	IL 102382 A AT 231881 T AU 4770393 A CA 2139433 A1 DE 69332666 D1 DE 69332666 T2 EP 0648222 A1 ES 2191666 T3 FI 946127 A IL 106199 A IL 111267 A JP 8507198 T NO 945100 A WO 9401447 A1 US 5650277 A US 5710028 A	04-08-1996 15-02-2003 31-01-1994 20-01-1994 06-03-2003 18-12-2003 19-04-1995 16-09-2003 20-02-1995 24-09-1998 14-07-1999 06-08-1996 22-02-1995 20-01-1994 22-07-1997 20-01-1998
WO 03095664	A	20-11-2003	AU 2003241401 A1 CA 2485596 A1 EP 1509619 A2 WO 03095664 A2 US 2004009515 A1 US 2005095608 A1	11-11-2003 20-11-2003 02-03-2005 20-11-2003 15-01-2004 05-05-2005
WO 0220837	A	14-03-2002	AU 8430801 A CA 2421857 A1 EP 1322782 A2 WO 0220837 A2 JP 2004508055 T US 2005084851 A1	22-03-2002 14-03-2002 02-07-2003 14-03-2002 18-03-2004 21-04-2005